



ENABLING CURRENT AND FUTURE CRITICAL COMMUNICATIONS

MTM5000 SERIES TETRA MOBILE RADIOS

SAFER

- · Hear and be heard in difficult environments with enhanced audio
- Stay in touch with great coverage, improved Rx sensitivity and high power options

SMARTER

- Versatile installation connects end users in and around the vehicle, up to 40m from the radio with the MTM5500
- Control the radio and make voice and data calls inside or outside the vehicle with the Telephone Style Control Head

FASTER

- Be ready for TEDS, for faster data communications to improve efficiency and safety
- Link to Data devices for flexibility and powerful applications

The MTM5200 is the base model in the new series of TETRA radios. It shares the enhanced audio and receiver sensitivity of the current MTM5400, as well as being TEDS-ready for high speed data service which will enhance operation.

The MTM5400 includes high power modes and the Gateway Repeater functionality features required by a number of end users.

The MTM5500 is a highly flexible and capable system radio which permits the installation of multiple control heads. Up to 40m from the radio for a total of 80m on a train or boat. The new Telephone Style Control Head provides an alternative method to control the radio and make voice and data calls.

MTM5000 SERIES BENEFITS

EXTENDED OPERATIONAL RANGE

- Up to 10W transmit power (MTM5400/5500), with class leading receiver sensitivity delivers comprehensive network coverage
- Integrated DMO Gateway, DMO Repeater capabilities (MTM5400/5500), ensure secure and resilient communications where needed most

SUPERIOR AUDIO PERFORMANCE

 Next generation audio architecture delivering the loudest and clearest audio performance of any Motorola TETRA mobile available on the market*

HIGH SPEED DATA CONNECTIVITY

- TEDS Ready hardware with a simple software license upgrade, enables 20x faster data connectivity for accessing back-office systems and databases
- Integrated USB 2.0 PEI, enabling rapid radio programming and standardised interfacing to data terminals and accessories. For additional flexibility, USB host and slave modes are also supported

LOW USER MIGRATION COSTS

- Familiar cellular style user interface and VGA colour display for enhanced usability and reduced staff training costs
- Same user interface as market proven MTP850 portable and MTM800 Enhanced mobile radios
- Re-use of MTM800 Enhanced accessories using GCAI connector

ENHANCED END TO END ENCRYPTION OPTIONS

- Integrated hardware for SIM based end to end encryption
- Universal Crypto Module option

ADVANCED TERMINAL MANAGEMENT

• USB 2.0 interface for fast radio programming via Motorola's integrated Terminal Management solution

FLEXIBLE INSTALLATION OPTIONS

- Fully DIN-A compatible and available in Dash, Desk, Remote Head and Motorcycle mount formats
- Supports multiple control heads an ideal solution for installations in trains, ambulances and fire vehicles where more than one control point might be required

RUGGED DESIGN WITH EXCEPTIONAL RELIABILITY

- Includes IP67 control head option (MTM5200/5400), for exposed and challenging environments
- Front and Rear rugged GCAI connector for reliable connection of audio and data peripheral equipment
- Mobile radio and accessories are performance matched for enhanced reliability MTM5500 ethernet style connections enable up to 40m separation to either the new eCH Control Head or the Telephone Style Control Head



^{*} Assuming the appropriate audio accessory is used



MTM5200 AND MTM5400

EXPANSION HEAD OPTIONS



EXPANSION HEAD (SINGLE STD CONNECTION)



EXPANSION HEAD ENHANCED STD AND AUXILARY 25 PIN AND RS232

CONTROL HEAD OPTIONS



STANDARD CONTROL



REMOTE CONTROL HEAD



CONTROL HEAD

INSTALLATION OPTIONS



DASH MOUNT -

CAR, TRUCK



DESK MOUNT -CONTROL CENTRE



USER SUPPLIED TERMINAL

DATA ONLY INSTALLATION

MTM5500

EXPANSION HEAD OPTIONS



FLEXIBLE EXPANSION HEAD

(ETHERNET READY)

2X STD, ETHERNET TYPE, ETHERNET SIM READER AND RS232

CONTROL HEAD OPTIONS



FLEXIBLE EXPANSION HEAD (eCH)

SUPPORTS EXTERNAL SPEAKERS AND PTT



TELEPHONE STYLE CONTROL HEAD

SUPPORT EXTERNAL SPEAKERS AND PTT

INSTALLATION OPTIONS

 $\textcolor{red}{\textbf{MULTIPLE CONTROL HEADS}} - \texttt{AMBULANCE}, \textit{fire truck, incident control vehicle, metro train}$



TOTAL 80m

USER SUPPLIED TERMINAL



ETHERNET TYPE

DATA ONLY INSTALLATION



SPECIFICATIONS

	PLAINT WITH DIN 75490		MTM5200 MTM5400		MTM5500		
D I							
Dash				ast vehicle installa		N.	Α.
Desk		Compact radio, for use in the office. Optional range of accessories such as desk tray with integrated loudspeaker			N.	N.A.	
Multiple Remote Control Head Motorcycle		N.A.				Radio with multiple remote mount control head capability	
		N.A.				Range of installation options enable use in cars, vans and other vehicles	
		Environmentally enhanced radio meeting IP67 specification. Suitable for demanding environments such as motorcycle, fire appliance and marine installations N.A.					A.
Expansion head "Da	atabox"	Radio witho	ut a control hea	d, for data applica	tions, or custom	ised application o	levelopment
GENERAL							
		Dimensions HxWxD (mm)	Weight Typical (g)	Dimensions HxWxD (mm)	Weight Typical (g)	Dimensions HxWxD (mm)	Weight Typical (g)
Dash and Desk mod (transceiver + contro		60x188x198	1300	60x188x198	1300	N.	,,
Transceiver only	oi ricauj	45x170x169	1070	45x170x169	1070	45x170x169	1070
Standard control he	ad	60x188x31	230	60x188x31	230	N.	
Remote control hea	d	60x188x39	300	60x188x39	300	60x188x39	300
Motorcycle control		60x188x39	320	60x188x39	320	N.	
USER INTERFAC	PE & DISDLAV		'	· ·			
OSEN INTENIA	Diagonal dimension			2.1	8"		
	Type	VGA - 640x480 pixels Transflective TFT, 65,000 colours					
Display	Backlight	Variable backlight, User configurable					
	Font sizes	Standard & Zoom mode (90 pixels, 4.5mm high) characters					
TSCH	1 0110 01200			.A.	1.010, 1.011111 1119	Available a	s ontion*
	Numeric	Integral backlit numeric keypad of 12 keys, with keypad lock option					
	International keypad versions	Roman, Arabic, Cyrillic, Korean, Chinese, Taiwanese characters Roman**					
	Programmable function keys	3 programmable function keys (plus 10 programmable numeric keys)					
Buttons & Keypad	Navigation	4-way navigation key, menu and soft keys					
	Emergency	Emergency button with backlight					
	Shortcuts	User configur	able shortcuts to	o menus and comm			utton" feature
Rotary	Dual Function		Talkg	roup and volume o	hange with lock	coption	
Lastina di sa	LED			Tri-colo	ur LED		
Indication	Tones			Configurable no	tification tones		
User Interface Languages	Standard Options		reek, Hebrew, H	, Chinese Tradition ungarian, Italian, I	Korean, Lithuani	an, Macedonian,	
Languages	User defined	Norwegian, Portuguese, Russian, Spanish, Swedish User programmable, using ISO 8859-1 character					
				Tailored to			
Menu				Menu S	hortcuts		
				Menu Con	figuration		
Contacts Managem	ent			Cellula	r Type		
Contact List				Up to 1000			
Multiple Dialling M	athada		Up to 6	numbers per con User selects		numbers	
Multiple Dialling M Fast/Flexible Call Re			Privato Call	Response to a Gro		Touch Rutton	
Multiple Ring Tones			T TIVALE GAIL	Configurabl		TOUCH DULLON	
Message Manager)			Cellula			
Text message list				2			
Intelligent Keypad T	Text Input			All Contr			
Status list	oxt input			10			
Country/Network Co	ode List			10			
Scan lists				40 lists of			
Discrete Mode				All Contr			
Screen Saver		gif image & text (any user's selection)					
Universal Time Disp	olay	All Control Heads					
Keypad Lock	,	All Control Heads					
Talkgroup Folders			Dua	l layer folder struc	ture (folder/sub	folder)	
Favourita Folders				256 fo			
FOVOURITO Foldore		1	l Ir	TO 3 Ito otoro any	Tayourite talker	nuni	

Up to 3 (to store any favourite talkgroup)

^{*} For availability please contact your local MSI representative
** For availability of other language keypads please contact your local MSI representative



Favourite Folders

		MTM5200	MTM5400	MTM550	
Operating Temperature (°C)			-30 to +60		
Storage Temperature (°C)			-40 to +85		
Not in use - Storage ETSI 300 019-1-1 CLASS 1.3		Non-Weather Protected Storage Locations			
Not in use - Transportation	ETSI 300 019-1-2 CLASS 2.3	Public Transportation			
Stationary use - Weather Protected Locations ETSI 300 019-1-3 CLASS 3.2		Partly Temperature Controlled Locations			
Mobile use - Ground Vehicle Installation	ETSI 300 019-1-5 CLASS 5.2	Climatic Tests			
Mobile use - Ground Vehicle Installation	ETSI 300 019-1-5 CLASS 5M3	Mechanical Tests			
MIL STD	810 C/D/E/F Specifications	All 11 categories met (or exceeded)			
Dust and Water Ingress	IP54 (dust cat. 2)	Dash/Desk/Remote models			
Protection	IP67	Motorcycle model (only control head is IP67; transceiver is IP54)			
ELECTRICAL SPECIFIC	CATIONS				
Voltage Range			10.8 to 15.6 V DC		
0 0	Idle / Rx / Tx @ 10W	N.A.	0.5 / 1.0 / 1.2 (TX 3.4A	Peak)	
	Idle / Rx / Tx @ 3W		0.5 / 1.0 / .9 (TX 2.2A Peak)	,	
Current Consumption	Tx - Multi Slot PD (4 slots) @ 5.6W	N.A. (3W only)	2.7		
(A, typ.)	Tx - TEDS @ 3W	2.3			
	Using USB host	Adds 0.5A			
RF SPECIFICATIONS					
Frequency Bands (MHz)			380 - 430		
Transmit / Receive Separat	ion (MHz)	10			
TMO Switching Bandwidth	(MHz)	50			
DMO Switching Bandwidth	(MHz)	20			
RF Channel Bandwidth (kHz)	· · ·	20			
	TETRA Release 1	N.A. (3W only) 10W, Class 2 Note: MSPD limited to 5.6W, Clas			
Transmitter RF Power	TETRA Release 2 (TEDS)	3W. Class 3			
RF Power Control	6 Power Step Levels (steps of 5 dBm)	S	tarting at 15 dBm; finishing at 40 dBm		
Receiver Class	, , , ,		A&B		
Receiver Static Sensitivity ((dBm)	-114	4 minimum, -116 typical (ETSI 300-392-2)		
Receiver Dynamic Sensitivi		-105 minimum, -107 typical (ETSI 300-392-2)			
GPS SPECIFICATIONS	;				
Simultaneous Satellites			12		
Mode of Operation		Autonomous or assisted (A-GPS)			
GPS Antenna		Supports active antenna (5V, 25mA supply)			
Autonomous Acquisition Se	ensitivity		-143 dBm / -173 dBW		
Tracking Sensitivity			-159 dBm / -189 dBW		
Accuracy		<51	m (50% probable) <10m (95% probable)		
TTFF (HOT Start - Autonom	ous)		<1s		
TTFF (WARM Start - Autono	·		<36s		
TTFF (COLD Start - Autonon			<36s		
TIFF (COLD Start - Autonomous)		ETSI Location Information Protocol (LIP)			
Location Protocols		E	TOT LUCATION HITOHIIATION FIUTUCULULIET		



		MTMEOOO	MTME400 BATRACCO		
Tallingaring		MTM5200	MTM5400 MTM5500		
Talkgroups		1000 Un to C	2048 (TMO) & 1024 (DMO)		
Phone book entries		1000 persons. Up to 6 h	umbers per entry (mobile, office etc). Max 2000 entrie		
Scan lists	0 "	40 lists of 20 talkgroups			
	Group call	Late Entry, TMO/DMO Mapping			
	Private call	Half / Full Duplex			
Trunked Mode (TMO) Services	Telephony (PABX, PSTN, MS-ISDN)	Full Duplex			
	DGNA	Up to 2047 groups			
	Scanning	Attachment signalling, supports SWMI initiated attachment/detachment			
Direct Mode (DMO) Services		Group call			
Direct Mode (DIMO) Services			Private call		
	Tactical	Emerge	ncy Group Call to ATTACHED talkgroup		
	Non-Tactical	Emergency Group Call to DEDICATED talkgroup			
	Individual	Emergency Call to PREDEFINED party (half/full duplex)			
- (- 1) · · · · · · · · · · · · · · · · · ·	Smart emergency	TMO/DMO/DMO to TMO automatic switching options			
Emergency (tailored by users)	Hot Mic	Configurable timers for automatic open mic (talk without PTT)			
	Location	Location (GPS) sent with emergency			
	Target Address	Sent to individual or group address (selected or dedicated)			
	Alarm (status message)		ncy Status (or other pre-defined status)		
	Alaim (status message)	Linerger	ney status (or other pre-defined status)		
DATA SERVICES					
Status	Alias messages		400 Entries		
Otatus	Options	Can	be sent via One-Touch or via menu		
	Inbox	200 Entries (short messag	es), 40 Entries (long messages of up to 1000 characte		
		Cellular style iTAP predictive text entry			
Short Data Service (SDS)	Target Address	Sent to individual or group address (selected or dedicated)			
	Voice Call Interaction		s can be sent and received during a voice call		
	Multi-slot PD		vith up to 4 slots supporting up to 28.8 kbit/s gross		
Packet Data (PD)	TETRA Enhanced Data Service (TEDS) (via software upgrade)	Supporting 25kHz and 50kHz channel bandwidths and enabling practical data rate of up to 80kbit/s			
TEDS (capable)		QAM Channels: 25 kHz and 50 kHz (but not D8PSK channels)			
		QAM modulation/coding modes: 4-QAM R1/2, 16-QAM R1/2, 64-QAM R1/2, and 64-QAM R2/3			
\\/AD	Integrated WAP browser (including WAP-PUSH)	Integrated Openwave browser			
WAP	(morading vv tr 1 com)	WAP 1.2 x a	nd WAP 2.0 compatibility for UDP/IP Stack		
	Interface Protocol	AT Commands - Full Set ETSI Mandatory Compliant			
Peripheral Equipment Interface	IIICHUCC I TOLOCOI		Physical Port (simultaneous PD, SDS, AT commands a		
(PEI)		Air Tracer SESSIONS) TNP1; enables simultaneous PD and SDS sessions			
			mable via Motorola Integrated Terminal		
		Management (iTM) solution			
Terminal Management Over-The-Air Programming (OTAP) Mode* Capable		Background Mode Programming (BMP) capable* - while radio is operational (providing TETRA services) it is being programmed/configured. * Planned features with software upgrade			
GATEWAY SERVICES					
		N.A.	Group voice calls from DMO to TMO		
		N.A.	Group voice calls from TMO to DMO		
		N.A.	Emergency group call from DMO to TMO		
		N.A.	Emergency group call from TMO to DMO		
		N.A.	Transmission of Gateway Presence Signal		
DMO/TMO Gateway		N.A.	Automatic detection and management of co-located Gateways		
JJ TINIO Gatoway		N.A.	Call Pre-emption (in either direction)		
		N.A.	SDS messaging from DMO to TMO (including GP or from TMO to DMO*		
		N.A.	Configurable routing of SDS messages to console or		
			Intelligent handling of point to point calls and SDS messages		
		N.A.	whilst operating as a Gateway		

^{*} Future software release



		MTM5200	MTM5400	MTM5500		
		N.A.	Repeats DMO voice and tone signalling on selected talkgroup			
		N.A.	Repeats SDS and Status messaging on selected talkgroup*			
		N.A.	ETSI type 1A DMO Repeater for channel efficient operation			
DMO Barantar		N.A.	Transmission of Repeater Presence Signal			
DMO Repeater		N.A.	Priority	y Call		
		N.A.	Emergency Call (Pre-e	emptive Priority Call)		
		N.A.	E2EE Encrypted DMO traffic			
		N.A.	Monitoring of and participation in calls whilst in Repeater mode			
		N.A.	Configurable Repeater Power Levels			
INTERFACES						
RS232		For PEI (Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT)				
		USB 2.0 support for PEI (Two Virtual Ports via standard Windows drivers enable PC applications to run simultaneously Packet Data and AT Commands)				
USB		USB 2.0 support for PEI (Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT); rapid programming				
		USB On-The-Go (host & slave) capability for intelligent PEI applications				
		USB 1.1 support (Host Mode) to manage USB Slave Devices (e.g. SIM CARD READER)				
Rugged Accessory Connector (G	CAI)	GCAI - Motorola accessory and ancillary interface for connection of accessories, data terminals and programming				
0 10 1 10 1	Digital I/O	7 (4 on remote and motorcycle control head, 3 on transceiver)				
General Purpose Input/Output	General Purpose Input/Output Analog input		4 (1 on remote and motorcycle control head, with 4 levels)			
SECURITY FEATURES						
	Algorithms	TEA1, TEA2, TEA3				
Air Interface Encryption	Security Classes	Class 1 (Clear), Class 2 (SCK), Class 3G				
Authentication		Infrastructure initiated and made mutual by terminal				
	Authoritication			by terminal		
Provisioning	Authentication	Secure provi	sioning tool via Key Variable	•		
Provisioning	Authentication	Secure provi	sioning tool via Key Variable PIN/PUK code access	,		
Provisioning User Access Control	Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation	Based on login credentials,	,	Loader (KVL) o only those radio capabili-		
J	Service Profile Selection for Radio User Assignment / Radio User	Based on login credentials, ties defined in pre-inst	PIN/PUK code access a radio user can be limited to	Loader (KVL) o only those radio capabilid by the infrastructure		
User Access Control	Service Profile Selection for Radio User Assignment / Radio User	Based on login credentials, ties defined in pre-inst	PIN/PUK code access a radio user can be limited to alled service profiles, selecte acket Data user authentication	Loader (KVL) o only those radio capabilid by the infrastructure		
User Access Control	Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation	Based on login credentials, ties defined in pre-inst	PIN/PUK code access a radio user can be limited to alled service profiles, selecte acket Data user authentication. Encryption with OTAR suppor	Loader (KVL) o only those radio capabilide by the infrastructure in ted through Universal		
User Access Control Data	Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation	Based on login credentials, ties defined in pre-inst	PIN/PUK code access a radio user can be limited to alled service profiles, selecte acket Data user authentication	Loader (KVL) o only those radio capabilide by the infrastructure in ted through Universal		
User Access Control Data	Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation Voice E2EE Packet Data E2EE Short Data (SDS) E2EE	Based on login credentials, ties defined in pre-inst	PIN/PUK code access a radio user can be limited to alled service profiles, selecte acket Data user authentication. Encryption with OTAR suppor	Loader (KVL) o only those radio capabilide by the infrastructure in ted through Universal		
User Access Control Data End to End Encryption (EtEE)	Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation Voice E2EE Packet Data E2EE Short Data (SDS) E2EE	Based on login credentials, ties defined in pre-inst	PIN/PUK code access a radio user can be limited to alled service profiles, selecte acket Data user authentication. Encryption with OTAR suppor	Loader (KVL) o only those radio capabilide by the infrastructure in ted through Universal		
User Access Control Data End to End Encryption (EtEE) REGULATORY COMPLIAN	Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation Voice E2EE Packet Data E2EE Short Data (SDS) E2EE	Based on login credentials, ties defined in pre-inst	PIN/PUK code access a radio user can be limited to alled service profiles, selecte acket Data user authenticatio Encryption with OTAR suppor e (UCM) and SIM (via integra	Loader (KVL) o only those radio capabilide by the infrastructure in ted through Universal		
User Access Control Data End to End Encryption (EtEE)	Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation Voice E2EE Packet Data E2EE Short Data (SDS) E2EE	Based on login credentials, ties defined in pre-inst	PIN/PUK code access a radio user can be limited to alled service profiles, selecte acket Data user authenticatio Encryption with OTAR suppor e (UCM) and SIM (via integra	Loader (KVL) o only those radio capabilide by the infrastructure in ted through Universal		
User Access Control Data End to End Encryption (EtEE) REGULATORY COMPLIAN	Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation Voice E2EE Packet Data E2EE Short Data (SDS) E2EE	Based on login credentials, ties defined in pre-inst	PIN/PUK code access a radio user can be limited to alled service profiles, selecte acket Data user authenticatio Encryption with OTAR suppor e (UCM) and SIM (via integra	Loader (KVL) o only those radio capabilide by the infrastructure in ted through Universal		
User Access Control Data End to End Encryption (EtEE) REGULATORY COMPLIAN Radio (R&TTE Article 3.2)	Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation Voice E2EE Packet Data E2EE Short Data (SDS) E2EE	Based on login credentials, ties defined in pre-inst	PIN/PUK code access a radio user can be limited to alled service profiles, selecte acket Data user authenticatio Encryption with OTAR suppore (UCM) and SIM (via integra EN 303 035-1 EN 303 035-2 ETSI EN 300-394-1 ETSI EN 300-392-2 EN 301 489-1 V1.3.1	Loader (KVL) o only those radio capabilide by the infrastructure in ted through Universal		
User Access Control Data End to End Encryption (EtEE) REGULATORY COMPLIAN	Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation Voice E2EE Packet Data E2EE Short Data (SDS) E2EE	Based on login credentials, ties defined in pre-inst	PIN/PUK code access a radio user can be limited to alled service profiles, selecte acket Data user authenticatio Encryption with OTAR suppor e (UCM) and SIM (via integra EN 303 035-1 EN 303 035-2 ETSI EN 300-394-1 ETSI EN 300-392-2 EN 301 489-1 V1.3.1 EN 301 489-18 V1.3.1	Loader (KVL) o only those radio capabilide by the infrastructure in ted through Universal		
User Access Control Data End to End Encryption (EtEE) REGULATORY COMPLIAN Radio (R&TTE Article 3.2)	Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation Voice E2EE Packet Data E2EE Short Data (SDS) E2EE	Based on login credentials, ties defined in pre-inst	PIN/PUK code access a radio user can be limited to alled service profiles, selecte acket Data user authenticatio Encryption with OTAR suppore (UCM) and SIM (via integra EN 303 035-1 EN 303 035-2 ETSI EN 300-394-1 ETSI EN 300-392-2 EN 301 489-1 V1.3.1 EN 301 489-18 V1.3.1 EN 60950-1 (2001)	Loader (KVL) o only those radio capabilide by the infrastructure in ted through Universal		
User Access Control Data End to End Encryption (EtEE) REGULATORY COMPLIAN Radio (R&TTE Article 3.2) EMC (R&TTE Article 3.1.b)	Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation Voice E2EE Packet Data E2EE Short Data (SDS) E2EE	Based on login credentials, ties defined in pre-inst	PIN/PUK code access a radio user can be limited to alled service profiles, selecte acket Data user authenticatio Encryption with OTAR suppore (UCM) and SIM (via integra EN 303 035-1 EN 303 035-2 ETSI EN 300-394-1 ETSI EN 300-394-1 ETSI EN 300-392-2 EN 301 489-1 V1.3.1 EN 301 489-18 V1.3.1 EN 60950-1 (2001) EN50360:2001 EME	Loader (KVL) o only those radio capabilide by the infrastructure in ted through Universal		
User Access Control Data End to End Encryption (EtEE) REGULATORY COMPLIAN Radio (R&TTE Article 3.2) EMC (R&TTE Article 3.1.b)	Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation Voice E2EE Packet Data E2EE Short Data (SDS) E2EE	Based on login credentials, ties defined in pre-inst	PIN/PUK code access a radio user can be limited to alled service profiles, selecte acket Data user authenticatio Encryption with OTAR suppore (UCM) and SIM (via integra EN 303 035-1 EN 303 035-2 ETSI EN 300-394-1 ETSI EN 300-394-1 ETSI EN 300-392-2 EN 301 489-1 V1.3.1 EN 301 489-18 V1.3.1 EN 60950-1 (2001) EN50360:2001 EME Directive 2002/96/EC WEE	Loader (KVL) o only those radio capabilide by the infrastructure ted through Universal (ted card slot)		
User Access Control Data End to End Encryption (EtEE) REGULATORY COMPLIAN Radio (R&TTE Article 3.2) EMC (R&TTE Article 3.1.b) Electrical Safety (R&TTE Article	Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation Voice E2EE Packet Data E2EE Short Data (SDS) E2EE	Based on login credentials, ties defined in pre-inst	PIN/PUK code access a radio user can be limited to alled service profiles, selecte acket Data user authenticatio Encryption with OTAR suppore (UCM) and SIM (via integra EN 303 035-1 EN 303 035-2 ETSI EN 300-394-1 ETSI EN 300-394-1 ETSI EN 300-392-2 EN 301 489-1 V1.3.1 EN 301 489-18 V1.3.1 EN 60950-1 (2001) EN50360:2001 EME	Loader (KVL) o only those radio capabilide by the infrastructure ted through Universal ted card slot)		

^{*} Future software release

To learn more, visit us on the web at: motorolasolutions.com/MTM5000

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MTM500_SERIES_SPECSHEET_UK_(10/12)



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